

PROJECT DESCRIPTION

GENERAL

THIS PORTION OF THE PROJECT INVOLVES THE REPLACEMENT OF LOOP DETECTORS WITH VIDEO DETECTION AT MD 355 (ROCKVILLE PIKE) AND MD 28 (VEIRS MILL ROAD / EAST JEFFERSON STREET) IN MONTGOMERY COUNTY.

MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA SIX-PHASE, FULLY-TRAFFIC-ACTUATED MODE WITH EXCLUSIVE LEFT-TURN PHASING FOR NORTHBOUND AND SOUTHBOUND MD 355. THE MAINLINE PEDESTRIAN PHASES SHALL REMAIN.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND ASSOCIATED EQUIPMENT WILL REMAIN.

CONTACTS

THE CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

Ms. Anyesha Mookherjee  
Assistant District Engineer - Traffic  
Phone: 301-513-7498

Mr. Victor Grafton  
District Utility Engineer  
Phone: 301-513-7350

Mr. Thomas Fountain  
Assistant District Engineer - Maintenance  
Phone: 301-513-7304

OFFICE OF TRAFFIC AND SAFETY:

Ms. Corren Johnson  
Chief, Traffic Operations Division  
Phone: 410-787-7630

Mr. Robert Snyder  
Assistant Division Chief, Traffic Operations  
410-787-7630

Mr. Edward Rodenhizer  
Chief Signal Operations  
Phone: 410-787-7650

Mr. Eugene Bailey  
Chief Sign Operations  
410-787-7670

MONTGOMERY COUNTY:

Mr. Kamal Hamud  
Traffic Engineering  
240-777-8761

The Power Company Inc.  
PEPCO  
Ms. Cheryl Hunt  
201 W. Gude Drive  
Rockville, MD 20850  
Phone: 301-548-4329

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

CATEGORY CODE QUANTITY DESCRIPTION

NONE - ALL REMOVED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

CATEGORY CODE QUANTITY DESCRIPTION

585405	500	LF	5 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
585621	720	LF	12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
585625	305	LF	24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
805140	15	LF	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
805305	1	EA	CONDUIT BEND IN EXISTING FOUNDATION
816002	4	EA	IP-BASED VIDEO DETECTION CAMERA AND ANY LENGTH LEAD-IN CABLE
873002	1	LS	REMOVE AND DISPOSE OF EXISTING SIGNAL EQUIPMENT

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

CATEGORY CODE QUANTITY DESCRIPTION

NONE - ALL REMOVED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

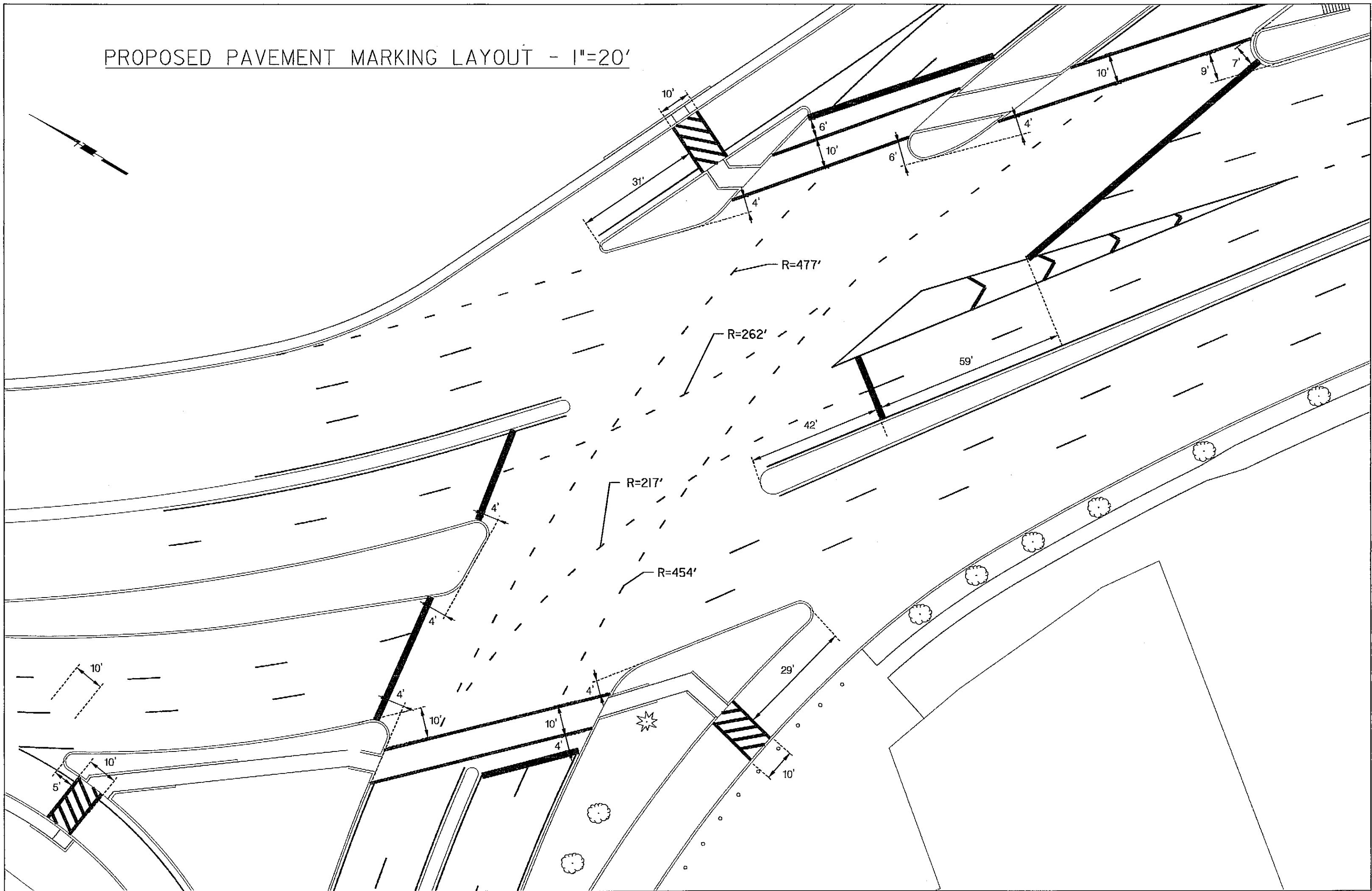
PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	WK	WK	DW	
PHASE 1 AND 6	+G	+G	G	G	R	R	R	R	R	R	R	R	R	R	DW	WK	WK	DW	
PHASE 1 CHANGE	+Y	+Y	G	G	R	R	R	R	R	R	R	R	R	R	DW	WK	WK	DW	
PHASE 2 AND 6	R	R	G	G	R	R	R	G	G	R	R	R	R	R	WK	WK	WK	WK	
PED CLEARANCE	R	R	G	G	R	R	R	G	G	R	R	R	R	R	WK	FL/DW	FL/DW	WK	
PHASE 6 CHANGE	R	R	Y	Y	R	R	R	Y	Y	R	R	R	R	R	WK	DW	DW	WK	
PHASE 2 AND 5	R	R	R	R	+G	+G	+G	G	G	R	R	R	R	R	WK	DW	DW	WK	
PHASE 2 AND 5 CHANGE	R	R	R	R	+Y	+Y	+Y	Y	Y	R	R	R	R	R	DW	DW	DW	DW	
PHASE 4 AND 8	R	R	R	R	R	R	R	R	R	G	G	G	G	G	DW	DW	DW	DW	
PHASE 4 AND 8 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	Y	Y	DW	DW	DW	DW	
FLASHING OPERATION	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	

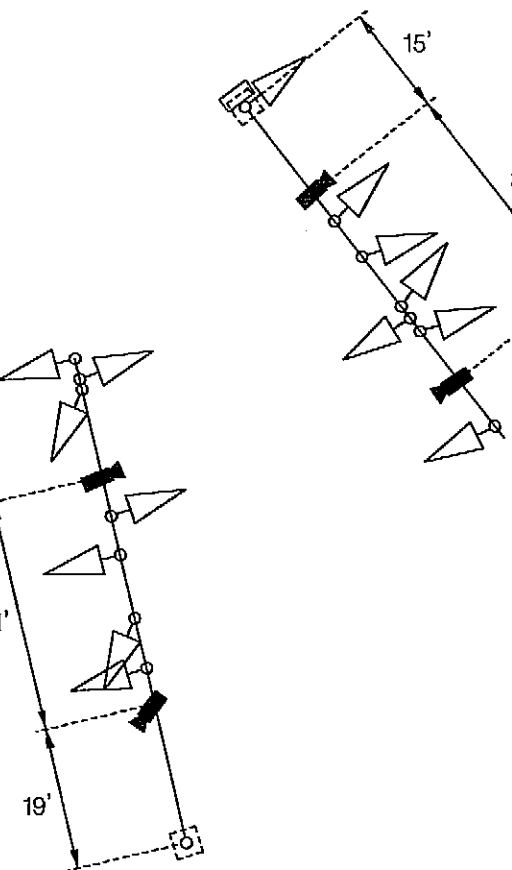
WIRING DIAGRAM

- A - NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
- B  
C  
D  
E - CONTROL CABLE - VIDEO DETECTION CAMERA TO CONTROLLER
- EPS - EXISTING POWER SERVICE
- EXISTING GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH

PROPOSED PAVEMENT MARKING LAYOUT - 1"=20'



MAST ARM DETAILS



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 355 (ROCKVILLE PIKE) AT  
MD 28 (EAST JEFFERSON STREET / VEIRS MILL ROAD)  
ROCKVILLE, MD

GENERAL INFORMATION SHEET

SCALE NONE ADVERTISED DATE 10/2013 CONTRACT NO. MO315477

DESIGNED BY SKG OF STV COUNTY MONTGOMERY  
DRAWN BY SKG OF STV LOGMILE 15035509.17  
CHECKED BY SDY OF STV TMS NO. L765  
F.A.P. NO. TOD NO.

TS NO.4807D-GI DRAWING SG-05 OF 05 SHEET NO. OF